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Docket No.: 0092-18-CIP DIV**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for forming a three dimensional soft magnetic metal mass suitable for milling, comprising the steps of:

wrapping a soft magnetic metal ribbon into a three dimensional shape;

applying ~~an~~ a liquid adhesive to the three dimensional shape to allow permeation of the liquid adhesive into the three dimensional shape;

~~applying a magnetic field to the toroid;~~ and

~~curing the adhesive at a heat treating temperature.~~

2. (cancelled)
3. (cancelled)
4. (cancelled)
5. (cancelled)
6. (cancelled).
7. (cancelled).
8. (cancelled)
9. (cancelled)
10. (cancelled)
11. (withdrawn) A three-dimensional soft magnetic metal mass suitable for milling made in accordance with claim 1.

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12. (cancelled):
13. (cancelled).
14. (cancelled).
15. (cancelled).
16. (cancelled)
17. (cancelled)
18. (cancelled)
19. (cancelled)
20. (currently amended) A method for manufacturing a soft magnetic metal electro-

mechanical component comprising the steps of:

winding soft magnetic metal ribbon into a toroid;
containing the toroid within a toroidal geometry;
milling the toroid into a electro-mechanical component shape;
applying a magnetic field to the toroid; and
thermally processing the electro-mechanical component shape into a electro-mechanical component at a thermal processing temperature.

21. (currently amended) The method of claim 20 where the step of containing the toroid within a toroidal geometry comprises the steps of:

applying an a liquid adhesive to allow permeation of the adhesive into the toroid; and
curing the adhesive at a heat treating temperature.

22. (currently amended) The method of claim 21 where the step of applying the liquid adhesive to the toroid comprises an atmospheric soak process.

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23. (currently amended) The method of claim 21 where the step of applying liquid adhesive to the toroid includes the steps of:

providing a vessel containing the liquid adhesive;
immersing the toroid in the liquid adhesive; and
evacuating the vessel.

24. (currently amended) The method of claim 23 including a step of curing the liquid adhesive at a heat treating temperature.

25. (currently amended) The method of claim 24 where the step of curing the liquid adhesive at a heat treating temperature and the step of thermally processing the electro-mechanical component shape occurs at a thermal processing temperature, and where the heat treating temperature is a fraction of the heat thermal processing temperature.

26. (original) The method of claim 25 where the fraction is about $\frac{1}{2}$.

27. (original) The method of claim 25 where the fraction is about $\frac{3}{4}$.

28. (original) The method of claim 25 where the fraction is about $\frac{1}{4}$.

29. (original) The method of claim 20 where the toroid has a ribbon winding axis, and the step of milling the toroid into an electro-mechanical component shape comprises milling the toroid with the cutting tool rotating in an axis perpendicular to the winding axis.

30. (original) The method of claim 20 where the toroid has a ribbon winding axis, and the step of milling the toroid into an electro-mechanical component shape consists of milling the toroid with the cutting tool rotating exclusively in an axis perpendicular to the ribbon winding axis.

31. (withdrawn) An electro-mechanical component made in accordance with claim 20.

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32. (currently amended) A method for manufacturing a soft magnetic metal electro-mechanical component comprising the steps of:

winding soft magnetic metal ribbon into a toroid;
containing the toroid within a milling assembly;
applying an a liquid adhesive to the toroid;
curing the a liquid adhesive at a heat treating temperature;
milling the toroid into an electro-mechanical component shape;
applying a magnetic field to the toroid; and
thermally processing the electro-mechanical component shape into an electro-mechanical component at a thermal processing temperature.

33. (original) The method of claim 32 including the step of:

removing the toroid from the milling assembly.

34. (original) The method of claim 32 where the toroid has an inner side surface, an outer side surface, a top and a bottom.

35. (cancelled)

36. (cancelled)

37. (cancelled)

38. (cancelled)

39. (cancelled)

40. (cancelled)

41. (cancelled)

42. (cancelled)

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43. (cancelled)
44. (cancelled)
45. (cancelled)
46. (cancelled)
47. (cancelled)
48. (cancelled)
49. (cancelled)
50. (cancelled)
51. (cancelled)
52. (cancelled)
53. (cancelled)
54. (withdrawn) A soft magnetic metal electro-mechanical component made from the process of claim 32.

55. (cancelled)
56. (cancelled)
57. (cancelled)
58. (cancelled)
59. (cancelled)